

## Claims

1. A method for preparing a mineral composition that has a low pH and that produces unexpectedly minimal irritation when contacted with the dermis in a liquid or solid form, said method comprising the steps of
- 5 (a) selecting a clay soil having
- (i) a selected minimal concentration of cadmium, lead, arsenic, and mercury,
  - (ii) at least eight macro mineral elements,
  - 10 (iii) at least sixty micro mineral elements,
  - (iv) at least ten rare earth elements,
  - (v) at least four percent by weight calcium,
  - (vi) at least four percent by weight silica; and,
- (b) processing said clay soil by
- 15 (i) admixing said soil with water and at last one acid to produce a slurry,
  - (ii) allowing particles to settle from said slurry to produce a liquid containing at least eight macro mineral elements and at least sixty micro mineral elements,
  - 20 (iii) concentrating said liquid to increase the concentration of mineral elements in said liquid to greater than 4% by weight.
2. An article of manufacture comprising a composition including
- (a) at least eight macro mineral elements;
  - 25 (b) at least sixty micro mineral elements; and,
  - (c) at least ten rare earth elements;
- said article of manufacture having a pH of less than four.
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